

tight seal at the threaded neck of plastic beverage container, in the closed position; and,

wherein said screw-threaded cap defining a pencil-receiving opening; integrally attached to said housing; with housing further comprising a sharpening assembly positioned to sharpen a pencil inserted into said pencil-receiving opening and wherein, said threadably attached conventional plastic beverage container stores pencil shavings that fall by gravity from said sharpening assembly.

Abstract

A combination pencil sharpener bottle cap that threadably fits unto any conventional plastic beverage container creating a new and useful product that both sharpens pencils and facilitates much needed pencil shavings receptacle that is particularly useful in elementary school classrooms where large volumes of wood-encased pencils are sharpened daily. Said combination pencil sharpener bottle cap is integrally attached to a pencil sharpener housing 1, having a pair of side walls 2 spaced from one another, an open end 3 defined between said pair of sidewalls 2, and a bottom wall 4 extending between said pair of spaced sidewalls 2; and, adjacent to said open end 3, each of said pair of spaced sidewalls 2 having; an elongated groove 5 adjacent to said open end 3; extending up to and adjacent to bottom wall 4 and, said screw-threaded cap 6 adjacent to said pair of side walls 2, integrally attached to the pencil sharpener housing 1 at the open end 3, and defining rearward edge 10 of the embodiment, positioned to abut said rearward edge 7 of said screw-threaded cap 6 of said conventional plastic beverage container 12 effecting a tight seal at threaded neck 13 of plastic beverage container 12 in the closed position 11; and, wherein said screw-threaded cap 6 defining a pencil-receiving opening 9; integrally attached to said housing 1; with housing further comprising a sharpening assembly 16 positioned to sharpen a pencil 14 inserted into said pencil-receiving opening 9 and wherein, said threadably attached conventional plastic beverage container 12 stores pencil shavings that fall by gravity from said sharpening assembly 16, thus creating a new and useful pencil shavings storage receptacle, that can be hand-threaded unto any empty conventional plastic beverage container, therefore, creating a much needed receptacle for storage of pencil shavings, previously not available in prior art pencil sharpeners, that is easily manipulated by small hands, that nearly eliminates all accidental spillage of pencil shavings unto carpets, into desks or over elementary school classroom activity tables, that is readily available in abundance, recyclable, inexpensive, simple to use, friendly to the environment and easily disposed of properly.